



***Leaders & Laggards Indicator
User Manual***

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Leaders & Laggards Concepts Explained:

The GZT_Leaders_Laggers indicator is used as a market breadth tool. It is comprised of a % change requirement that measures the strength of the applied markets based on (+/-) % change off either of the following:

- **Session Template**
- **Chart Start**
- **Specific Date**

The indicator is used to see which market is strongest (**LEADING**) and which market is weakest (**LAGGING**) when looking at correlated & non-correlated markets. The tool is best applied to either of the following groups of markets:

- **Equity indexes**
- **Currencies**

When applying the tool to monitor (equity index markets) we measure the following pegged against the **S&P500**.

- **Dow Jones**
- **Nasdaq**
- **Russell**

When applying the tool to monitor (currency markets) we measure the following pegged against the **US Dollar**.

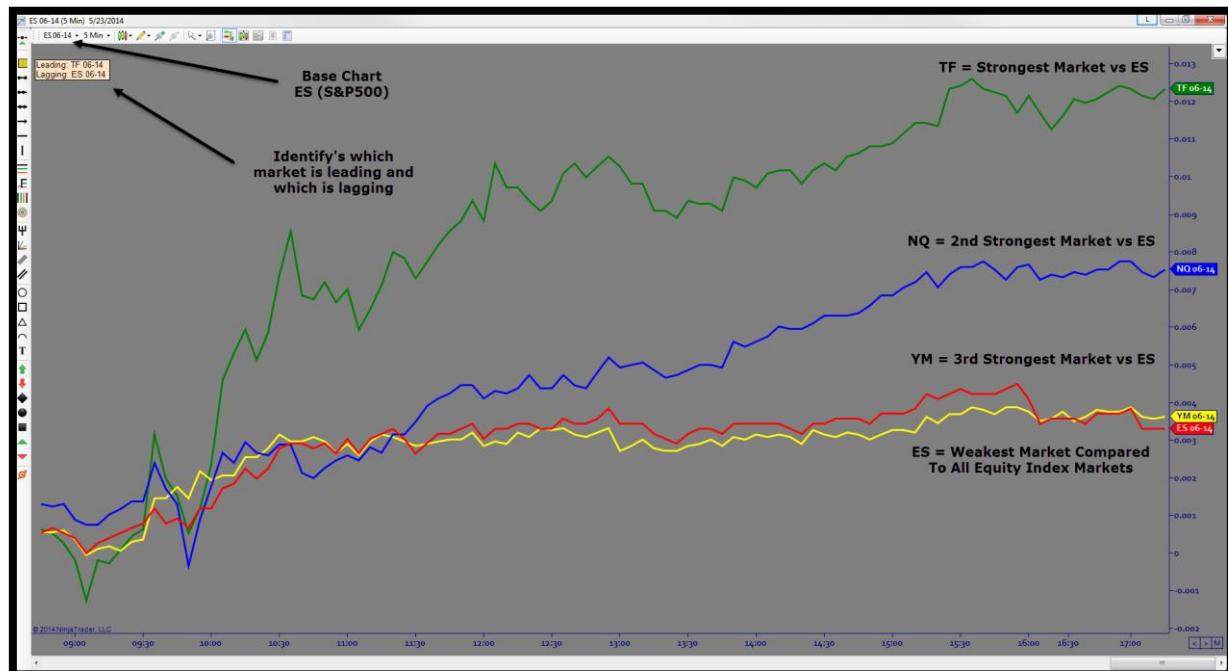
- **Aussie Dollar**
- **British Pound**
- **Canadian Dollar**
- **Swiss Franc**
- **Euro**

The indicator can be used on all of the following markets:

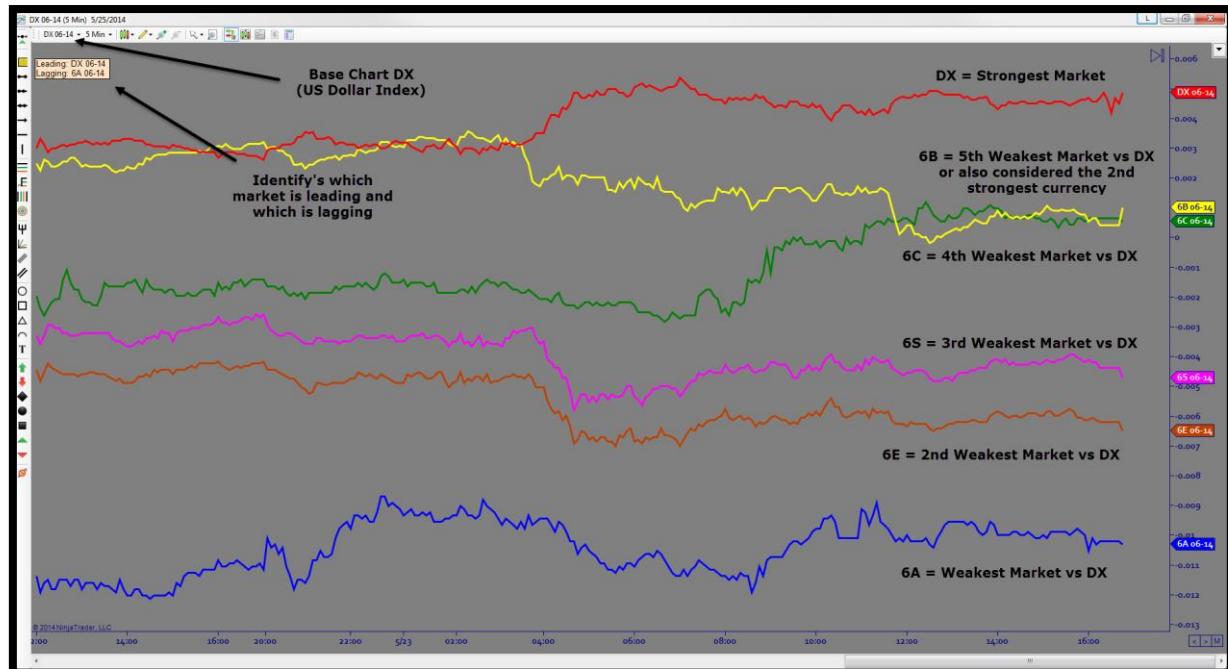
- **Equities**
- **Futures**
- **Forex**

For the GZT Mastery Trader Program we use the GZT_Leaders_Laggers indicator to monitor both stock index futures and currency futures markets as our training program is solely focused on futures trading. The indicator can be used with more markets and instruments that were not listed above however, if you require additional information when applying it to equities or forex pairs please email support@goldenzonetrading.com

Measuring Market Breadth of Stock Market Indexes (Futures)



Measuring Market Breadth of Currencies (Futures)



Leaders & Liggers Base Concepts:

Concept	Definition
Leader	- The strongest market
Lagger	- The weakest market
Base Market	The market which is used as the base chart that all other markets are pegged against. - ES (S&P500) is the base for stock index markets - DX (US Dollar Index) is the base for currency markets

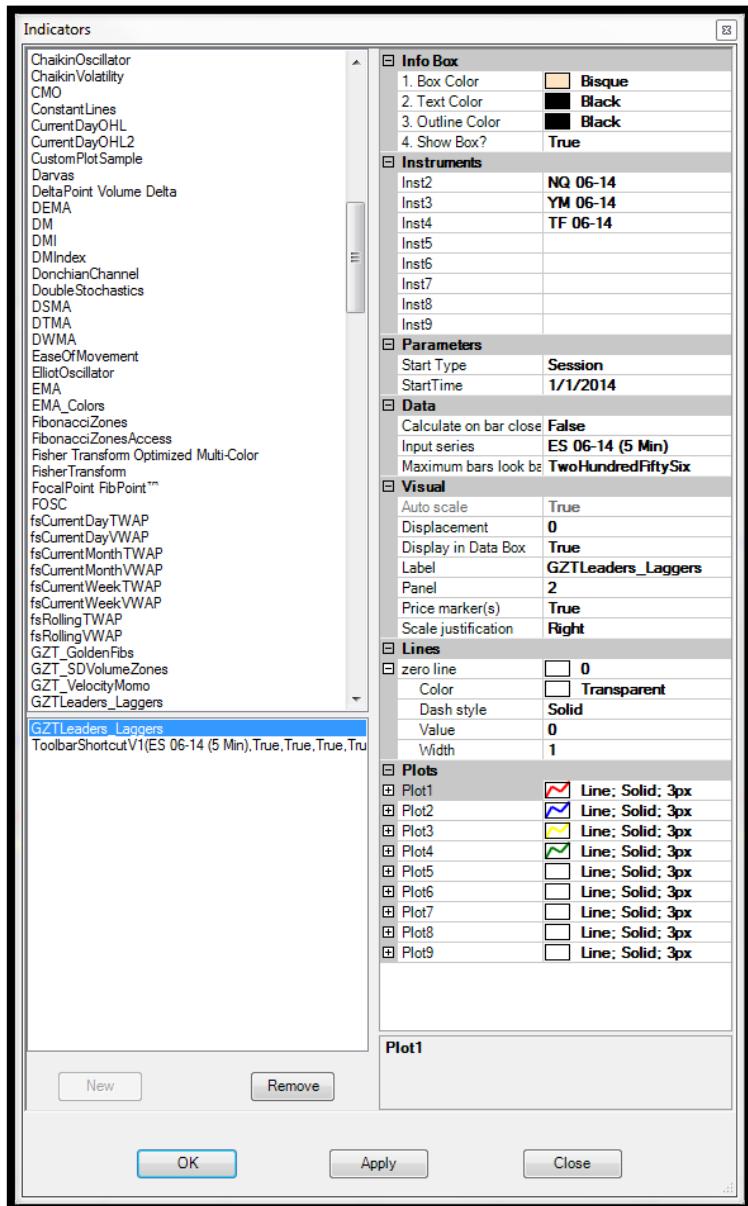
Application to trading:

- When looking at long positions/trades, one can consider choosing trades in the strongest markets (leaders) as these represent the strongest % change against the other correlated/non-correlated markets.
- When looking at short positions/trades, one can consider choosing trades in the weakest markets (laggers) as these represent the weakest % change against the other correlated/non-correlated markets.

Leaders & Liggers Indicator Parameters & Settings:

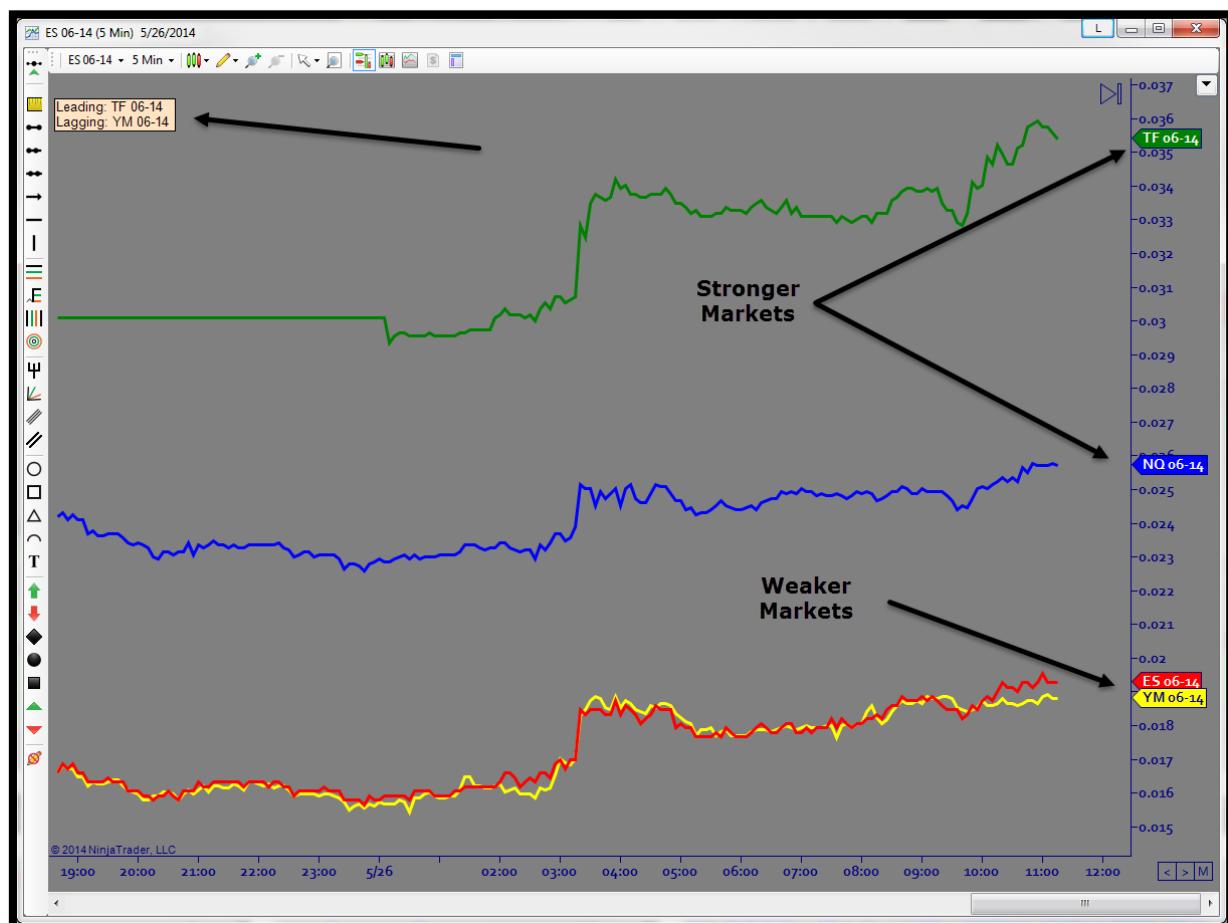
Group	Parameters	Allowable Values	Description
Info Box	Box Color	Custom/Web/System Default = Bisque	Allows for changing the color of the leaders & liggers dialog box.
	Text Color	Custom/Web/System Default = Black	Allows for changing the color of the text in the leaders & liggers dialog box.
	Outline Color	Custom/Web/System Default = Black	Allows for changing the outline color of the leaders & liggers dialog box.
	Show Box	True/False Default = True	This function is to show or hide the leaders & liggers dialogue box.
Instruments	Instruments 2-9	Identified Markets (Instrument/Date/Contract)	The following fields are to allow the user to input the specific markets they wish to show that are pegged against the base market. Instrument 1- always represents the base market and is not shown here.
Parameters	Start Type	Session/Chart Start/Date Default = Session	When Session is selected it applies the leaders and liggers to start at the specific session start time. When Chart Start is selected it applies the leaders and liggers to start at the beginning of the chart time. When Date is selected it applies the leaders and liggers to start at a specific date that is specified
	Start Time	Specific Date	Allows the user to specify the date they wish to have the leaders and liggers start from when the start type is set to date.
Data	Calculate on bar close	True/False Default = False	When set to false, indicator recalculates with every incoming tick on real-time data

Lines	Zero Line	Color/Style/Width Default = Transparent	Allows the user to select the zeroline of the indicator. (This is never applied or used)
Plots	Plot 1-9	Color/Style/Width	<p>This allows the user to select each market color/style/width for each market used in the leaders and laggards graph which is pegged against the base market.</p> <p>These plots will be directly related to each market listed in the instrument section.</p> <p>All plots that are not used must be set to (transparent)</p> <p>Plot 1- always represents the base market.</p>



Application Explained:

- The following chart represents the TF as the leading market followed by the NQ as the 2nd strongest against the ES. Depending on your applied strategy, this tool identifies that if your bias was to go long the market, the TF and the NQ would be higher probability markets to trade long as they represent (+) % strength over the other 2 markets (ES/YM).
- If you bias was to go short the market, your higher probability trades would most likely be represented in the (ES/YM) as they demonstrate weakness against the other 2 (NQ/TF)
- It is important to mention that the general market strength (either +/- % change as a combined whole does not mean for you to go long or short the markets. The tool is to identify which market is strongest and weakest against a pegged market. This can be best demonstrated when applied to your chosen trade strategy and setups to increase odds of success by trading the market that has strength or weakness in your favor.
- When choosing a base chart timeframe (ie: 5 min) for these examples, it is best to apply the chart timeframe to the style of your trading. If you are a day trader you will want to apply a smaller timeframe to the base chart. If you are a swing trader you may wish to increase the timeframe to a higher fractal (ie: hourly/daily).



Application Explained:

- When looking at the chart below we have 5 currency futures markets (6A/6B/6E/6S/6C) all pegged against the US Dollar Index (DX). This chart represents which currency markets are strongest and weakest against the US Dollar.
- When we look at applying this to trading, longs would represent higher probabilities with the 3 stronger markets (6C/DX/6A). Shorts would represent higher probabilities with the 3 weaker markets (6B/6S/6E)
- The things to consider for using this tool towards any type of market breadth analysis is to factor in the variable that are independent of the tool (ie: your trade strategy and your setups). We simply use this to enhance our original strategy by trading stronger and weaker markets in correlation to our standard approach.

